

Title (en)
Surgical stapling apparatus

Title (de)
Chirurgische Klammervorrichtung

Title (fr)
Appareil d'agrafeuse chirurgicale

Publication
EP 2517638 B1 20160413 (EN)

Application
EP 12165878 A 20120427

Priority
US 201113097194 A 20110429

Abstract (en)
[origin: EP2517638A1] A loading unit (16) for use with a surgical stapling apparatus (10) is provided and includes: a tool assembly (17) having a cartridge assembly (18) and an anvil assembly (20) that are movable in relation to one another; a surgical buttress (B1) releasably secured to a tissue contacting surface of the anvil assembly and/or the cartridge assembly, wherein the surgical buttress secured to the anvil assembly is secured by at least one anchor (S); and a drive assembly (50) slidably translatable through the tool assembly between proximal and distal positions. The anvil assembly has pairs of side recesses (570d,570e), at least one of which is a keyhole-shaped, or has an enlarged head portion (570d 3 ,570e 3).

IPC 8 full level
A61B 17/072 (2006.01)

CPC (source: EP)
A61B 17/07207 (2013.01); **A61B 17/07292** (2013.01); **A61B 2017/07278** (2013.01); **A61B 2017/320052** (2013.01)

Cited by
CN110464398A; EP4031019A4; RU2661146C2; EP2764837A1; EP2764830A3; EP2764831A3; EP3001959A1; RU2673862C2; WO2014123990A1; WO2014123867A1; WO2014123865A3; US9603991B2; US9844375B2; US9861359B2; US9913648B2; US10070861B2; US10076325B2; US10206678B2; US10258418B2; US10293100B2; US10314589B2; US10335151B2; US10342541B2; US10383633B2; US10405859B2; US10420561B2; US10420560B2; US10426481B2; US10485546B2; US10485536B2; US10568625B2; US10575868B2; US10660640B2; US10667811B2; US10667809B2; US10695055B2; US10736634B2; US10736630B2; US10743875B2; US10743873B2; US10813641B2; US10856869B2; US10893864B2; US11135352B2; US11147553B2; US11246618B2; US11253254B2; US11272938B2; US11350843B2; US11399831B2; US11464512B2; US11478241B2; US11571212B2; US11612395B2; US11638583B2; US11648009B2; US11717291B2; US11826048B2; US11877748B2; US11944300B2; US9642620B2; US9814462B2; US9987000B2; US10052044B2; US10206605B2; US10327767B2; US10363036B2; US10390841B2; US10499914B2; US10542979B2; US10548504B2; US10675024B2; 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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2517638 A1 20121031; EP 2517638 B1 20160413; AU 2012201645 A1 20121115; AU 2012201645 B2 20150416; CA 2773446 A1 20121029; CA 2773446 C 20181211; ES 2571761 T3 20160526; JP 2012232121 A 20121129; JP 2017023861 A 20170202; JP 6042090 B2 20161214; JP 6355276 B2 20180711

DOCDB simple family (application)

EP 12165878 A 20120427; AU 2012201645 A 20120320; CA 2773446 A 20120403; ES 12165878 T 20120427; JP 2012098903 A 20120424;
JP 2016218908 A 20161109